

AQUALOG

A hermetically sealed all-in-one data logging solution for harsh environments.



**AQUA
POWER**
Technologies



Highlights

- IP68 submersible to 10 meters.
- Highly customizable platform.
- Multiple options for mounting.
- Log 9 DOF motions to SD card.
- Extensive example code available.
- Accepts a variety of D cell voltages.
- Programmable using Arduino IDE.

Overview

AQUALOG is a hermetically sealed data logger, designed to be deployed in harsh environments. As standard, the data logger is supplied with a Bosch BNO055 9 degrees of freedom sensor and an Arduino MKRZero, which provides a robust and simple solution to logging inertial measurements. The configuration of the battery skeleton and the boost voltage converter enables D cell batteries ranging from 1.2v (NiMH) through to 3.6v (Lithium Thionyl Chloride) to be used, providing plenty of options to power AQUALOG.

AQUALOG can also be supplied as a naked system, which enables customers to make custom top boards for other applications, while still continuing to take advantage of the hermitically sealed housing and battery skeleton.

Technical Specification

Mass In Air: 4.97kg
Dimensions: 125mm x 338mm

Build Options

System: Complete, Naked
Batteries: NiMH, Lithium Chloride, Alkaline

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